

ABSTRACT

A method for producing a structured material for accommodating passage of fluids, particularly high viscosity fluids, through the structured material.

In one embodiment, the structured material is a composite material formed of a first layer, for example a polypropylene polymer, having a first shrinkage extent and a second layer bonded to the first layer, for example an ethylene-propylene copolymer, having a second shrinkage extent different from the first shrinkage extent. In another embodiment, a structured heterogenous material is made of a heterogeneous mixture of at least two homogeneous fiber sets or components having different shrinkage extents.

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